

Table E1 Initial univariate analyses for all cases and controls

	Cases		Controls			
	Risk factor					
	+	-	+	-	OR	95% CI
Ever used tobacco containing product	390	568	1067	922	0.59	(0.51, 0.69)
Ever consumed beer, wine or spirits regularly	486	472	1030	959	0.96	(0.82, 1.12)
House with water supply from river or well *	452	329	832	753	1.24	(1.05, 1.48)
Ever been knocked unconscious	243	714	369	1620	1.49	(1.24, 1.80)
Knocked unconscious: once v never	167	715	293	1620	1.29	(1.05, 1.59)
Knocked unconscious: more than once v never	76	715	75	1620	2.29	(1.65, 3.19)
Ever had a general anaesthetic for an operation	702	256	1540	449	0.80	(0.67, 0.96)
Ever been treated by doctor following exposure to gas/smoke	13	942	26	1957	1.04	(0.53, 2.03)
Ever taken sleeping pills for >1 year	185	773	311	1678	1.29	(1.06, 1.58)
Ever taken medicines for anxiety for >1 year	178	780	228	1761	1.76	(1.42, 2.18)
Ever taken medicines for depression for >1 year	131	827	161	1828	1.80	(1.41, 2.30)
Relative with Parkinson's disease	184	773	95	1889	4.73	(3.64, 6.15)
First degree family history of Parkinson's disease	106	851	53	1935	4.55	(3.24, 6.39)
Any exposure to solvents	286	673	588	1401	1.01	(0.86, 1.20)
Any exposure to pesticides	188	771	301	1688	1.37	(1.12, 1.67)
Any exposure to iron	128	831	243	1746	1.12	(0.88, 1.39)
Any exposure to manganese	110	849	217	1772	1.06	(0.83, 1.35)
Any exposure to copper	90	869	173	1816	1.09	(0.83, 1.42)
Lifetime exposure (CE)						
Solvents: low exposure** v no exposure	149	673	287	1401	1.08	(0.87, 1.34)
Solvents: high exposure** v no exposure	137	673	301	1401	0.95	(0.76, 1.18)
Pesticides: low exposure** v no exposure	89	771	159	1688	1.23	(0.93, 1.61)
Pesticides: high exposure** v no exposure	99	771	142	1688	1.53	(1.16, 2.00)
Iron: low exposure** v no exposure	63	821	122	1746	1.09	(0.79, 1.49)
Iron: high exposure** v no exposure	65	831	121	1746	1.13	(0.83, 1.54)
Manganese: low exposure** v no exposure	53	849	110	1772	1.01	(0.72, 1.41)
Manganese: high exposure** v no exposure	57	849	107	1772	1.11	(0.80, 1.55)
Copper: low exposure** v no exposure	46	869	82	1816	1.17	(0.81, 1.70)

Copper: high exposure** v no exposure	44	869	91	1816	1.01	(0.70, 1.46)
Average annual intensity of exposure (AAI)						
Solvents: low exposure** v no exposure	155	673	282	1401	1.14	(0.92, 1.42)
Solvents: high exposure** v no exposure	131	673	306	1401	0.89	(0.71, 1.12)
Pesticides: low exposure** v no exposure	86	772	158	1689	1.19	(0.90, 1.57)
Pesticides: high exposure** v no exposure	101	772	142	1689	1.56	(1.19, 2.04)
Iron: low exposure** v no exposure	62	831	120	1747	1.09	(0.79, 1.49)
Iron: high exposure** v no exposure	66	831	122	1747	1.14	(0.83, 1.55)
Manganese: low exposure** v no exposure	60	849	103	1773	1.22	(0.88, 1.69)
Manganese: high exposure** v no exposure	50	849	113	1773	0.92	(0.66, 1.30)
Copper: low exposure** v no exposure	47	869	84	1816	1.17	(0.81, 1.69)
Copper: high exposure** v no exposure	43	869	89	1816	1.01	(0.70, 1.47)

* Malta water supply excluded from this analysis

** Cut-off for low/high exposure taken to be median value of those exposed.